

What is claimed is:

1. An external module to be installed in a mobile communication terminal when the mobile communication terminal is in use, said external module comprising:

5 collection means for communicating with said mobile communication terminal to collect information relating to the internal state of said mobile communication terminal; and

storage means for storing therein information that has been collected by said collection means.

2. An external module according to claim 1, further comprising:  
protocol execution means for requesting said mobile communication terminal to execute a communication protocol sequence.

3. An external module according to claim 2, wherein said protocol execution means includes means for requesting the execution of said communication protocol sequence based on information that has been stored in said storage means.

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4. An external module according to claim 2, wherein said communication protocol sequence is a communication protocol sequence that is performed by radio between a mobile communication terminal and a base station.

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5. An external module according to claim 1, further comprising:  
stored information processing means for processing information that

has been stored in said storage means.

6. An external module according to claim 5, wherein said protocol execution means includes means for requesting the execution of a communication protocol sequence based on information that has been processed by said stored information processing means.

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7. An external module according to claim 1, wherein said external module is any one of a SIM card, a USIM card, and an IC card having higher specifications than a SIM card or USIM card.

8. A mobile communication terminal in which an external module is installed when in use, said mobile communication terminal comprising:  
acquisition means for acquiring information relating to the internal state of said mobile communication terminal; and

5 output means for supplying information that has been acquired by said acquisition means to said external module.

9. A mobile communication system comprising:  
a mobile communication terminal; and  
an external module that is installed in said mobile communication terminal when said mobile communication terminal is in use;

5 wherein said mobile communication terminal comprises:  
acquisition means for acquiring information relating to the internal state of said mobile communication terminal; and  
output means for supplying information that has been acquired by said

acquisition means to said external module;

10           and wherein said external module comprises:

          collection means for collecting information that has been supplied by  
said output means of said mobile communication terminal; and

          storage means for storing therein information that has been collected  
by said collection means.

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10.       A method for testing communication protocol in a mobile  
communication terminal, an external module being installed in said mobile  
communication terminal when said mobile communication terminal is in use,  
said method comprising steps of:

5           requesting said mobile communication terminal, by said external  
module, to execute a communication protocol sequence;

          executing, by said mobile communication terminal, said communication  
protocol sequence in accordance with said request by said external module;

10          acquiring, by said mobile communication terminal, information relating  
to the internal state of said mobile communication terminal;

          supplying, by said mobile communication terminal, the acquired  
information to said external module;

          collecting, by said external module, information that has been supplied  
by said mobile communication terminal; and

15          storing, by said external module, the collected information.

11.       A method according to claim 10, wherein said step of  
requesting to execute a communication protocol sequence includes requesting,  
by said external module to execute said communication protocol sequence

based on information that is stored.

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12. A method according to claim 10, wherein said step of executing a communication protocol sequence includes execution by said mobile communication terminal of a communication protocol sequence by radio with a base station.

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13. A method according to claim 10, further comprising a step of processing information that is stored in said external module.

14. A method according to claim 13, wherein said step of executing a communication protocol sequence includes requesting, by said external module, execution of a communication protocol sequence based on information that has been processed.

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15. A method according to claim 10, wherein said external module is any one of a SIM card, a USIM card, and an IC card having higher specifications than a SIM card or a USIM card.

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